

Regional HIV/AIDS Epidemiologic Profile of Berkshire County, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Berkshire County, Massachusetts

	N	%
People Living with HIV/AIDS	111	58%
People Reported with HIV or AIDS who are Deceased	80	42%
Total Number of People Reported with HIV Infection or AIDS	191	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Berkshire County, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,00	Average Number of HIV Diagnoses
Berkshire County, MA	4 per 100,000	6
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Berkshire County, MA	82 per 100,000	111
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Berkshire County, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	75	3	9
2000	83	0	8
2001	88	3	8
2002	94	0	6
2003	97	1	4
2004	101	2	6
2005	108	1	8
2006	108	4	4

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Berkshire County, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	15	83%	84	76%
Female	3	17%	27	24%
Place of Birth:	N	%	N	%
US	15	83%	97	87%
Puerto Rico/US Dependency ²	0	0%	3	3%
Non-US	3	17%	11	10%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	11	61%	73	66%
Black (non-Hispanic)	6	33%	26	23%
Hispanic	-- ⁶	-- ⁶	8	7%
Other/Undetermined ³	-- ⁶	-- ⁶	4	4%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	6	33%	48	43%
Injection Drug Use (IDU)	0	0%	16	14%
MSM/IDU	1	6%	3	3%
Heterosexual Sex	3	17%	21	19%
Other	0	0%	0	0%
Total Undetermined	8	44%	23	21%
• Presumed Heterosexual Sex ⁴	6	33%	15	14%
• Undetermined ⁵	2	11%	8	7%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	0	0%	0	0%
13 to 19	0	0%	0	0%
20 to 24	1	6%	1	1%
25 to 29	1	6%	2	2%
30 to 34	0	0%	8	7%
35 to 39	5	28%	10	9%
40 to 44	6	33%	22	20%
45 to 49	2	11%	24	22%
50 to 54	0	0%	22	20%
55 to 59	3	17%	10	9%
60+	0	0%	12	11%
Total	18	100%	111	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

⁶ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Berkshire County, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	61	73%	12	44%
Black Non-Hispanic	13	15%	13	48%
Hispanic	7	8%	1	4%
Other/Undetermined ¹	3	4%	1	4%
Total	84	100%	27	100%

¹ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Berkshire County, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	48	57%	0	0%
Injection drug use (IDU)	10	12%	6	22%
MSM/IDU	3	4%	0	0%
Heterosexual sex	8	10%	13	48%
Other	0	0%	0	0%
Total Undetermined	15	18%	8	30%
• Presumed heterosexual sex ¹	9	11%	6	22%
• Undetermined ²	6	7%	2	7%
Total	84	100%	27	100%

¹ Heterosexual sex with partners with unknown risk and HIV status

² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Berkshire County, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	108	80%	27	20%	135
1999	8	89%	1	11%	9
2000	6	75%	2	25%	8
2001	5	63%	3	38%	8
2002	6	100%	0	0%	6
2003	2	50%	2	50%	4
2004	6	100%	0	0%	6
2005	6	75%	2	25%	8
2006 ²	3	75%	1	25%	4

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Berkshire County, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	106	79%	18	13%	8	6%	3	2%	135
1999	8	89%	-- ³	-- ³	-- ³	-- ³	0	0%	9
2000	5	63%	-- ³	-- ³	-- ³	-- ³	0	0%	8
2001	5	63%	-- ³	-- ³	-- ³	-- ³	0	0%	8
2002	5	83%	-- ³	-- ³	-- ³	-- ³	0	0%	6
2003	1	25%	-- ³	-- ³	-- ³	-- ³	1	25%	4
2004	4	67%	-- ³	-- ³	-- ³	-- ³	0	0%	6
2005	5	63%	-- ³	-- ³	-- ³	-- ³	0	0%	8
2006 ³	2	50%	-- ³	-- ³	-- ³	-- ³	0	0%	4

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

⁴ 2006 data are preliminary

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Berkshire County, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	125	93%	4	3%	6	4%	135
1999	8	89%	0	0%	1	11%	9
2000	6	75%	0	0%	2	25%	8
2001	7	88%	0	0%	1	13%	8
2002	5	83%	1	17%	0	0%	6
2003	4	100%	0	0%	0	0%	4
2004	5	83%	0	0%	1	17%	6
2005	7	88%	0	0%	1	13%	8
2006 ³	3	75%	0	0%	1	25%	4

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Berkshire County, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	67	50%	32	24%	10	7%	16	12%	3	2%	5	4%	2	1%	135
1999	5	56%	1	11%	0	0%	2	22%	0	0%	1	11%	0	0%	9
2000	4	50%	0	0%	0	0%	1	13%	0	0%	2	25%	1	13%	8
2001	3	38%	1	13%	0	0%	3	38%	0	0%	0	0%	1	13%	8
2002	2	33%	1	17%	0	0%	2	33%	0	0%	0	0%	1	17%	6
2003	2	50%	0	0%	0	0%	1	25%	0	0%	0	0%	1	25%	4
2004	2	33%	0	0%	0	0%	1	17%	0	0%	3	50%	0	0%	6
2005	1	13%	0	0%	1	13%	2	25%	0	0%	2	25%	2	25%	8
2006 ⁴	3	75%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	4

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Berkshire County, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	2	9	22%
2000	1	8	13%
2001	3	8	38%
2002	0	6	0%
2003	0	4	0%
2004	1	6	17%
2005	2	8	25%
2006	2	4	50%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Berkshire County, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	4	15	27%
Female	1	3	33%
Race/Ethnicity:	N	N	%
White (non-Hispanic)	2	11	18%
Black (non-Hispanic)	2	6	33%
Hispanic	1	1	100%
Other/Undetermined ²	0	0	0%
Place of Birth:	N	N	%
US	4	15	27%
Puerto Rico/US Dependencies ³	0	0	0%
Non-US	1	3	33%
Total	5	18	28%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08